

中国石竹科一新属*

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摘要 本文发表了石竹科一新属, 假卷耳属 *Pseudocerastium* C. Y. Wu, X. H. Guo et X. P. Zhang。该属模式种为假卷耳 *Pseudocerastium stellarioides* X. H. Guo et X. P. Zhang, 近于卷耳属、繁缕属和鹅肠菜属。另报道了一个中国地理新分布种, 异型花繁缕 *Stellaria diversiflora* Maxim.。

关键词 假卷耳属, 假卷耳, 异型花繁缕

分类号 Q 949

A New Genus of Caryophyllaceae from China

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Abstract A new genus *Pseudocerastium* from Mt. Jiuhua, Anhui, E China, is described and illustrated. The genus is typified by *P. stellarioides* and is considered most closely related to *Cerastium*, *Stellaria* and *Myosoton*. *Stellaria diversiflora* is new recorded to China.

Key words *Pseudocerastium*, *P. stellarioides*, *Stellaria diversiflora*

假卷耳属 新属

Pseudocerastium C. Y. Wu, X. H. Guo et X. P. Zhang, gen. nov.

Genus *Cerastio* L. *Stellariae* L. et *Myosotonti* Moench. affine; sed capsula brevi in sepalis inclusa, apice 10 - dentata; stylis cum basali disco omnino pileatis deciduis; staminibus 10, filamentis infra complanatis villosis; stylis 5 antisepalis; seminibus parvis tuberculatis; petalis 5, apice bipartitis differt.

Herba caulis repens, rami simplices, erecti vel ascendentes. Folia opposita estipulata. Decompositum dichasium terminale. Sepala 5, distincta, margine membranacea; petala 5, alba, apice bipartita; stamina 10 filamenta infra complanatis villosa; ovarium 1 - loculare, styli 5 antisepali. Capsula brevis in sepalis inclusa, 10 - dentata, styli cum basali disco omnino pileati decidui. Semina parva tuberculata.

Typus generis: *Pseudocerastium stellarioides*

Species unica in Jiuhuashan, Anhui australi.

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本属与卷耳属 *Cerastium* L. 繁缕属 *Stellaria* L. 鹅肠菜属 *Myosoton* Moench. 等属相近似, 但蒴果短, 藏于宿萼内, 10 齿裂, 残花柱连基盘整体成帽状脱落; 雄蕊 10, 花丝下部扁平, 有长柔毛; 花柱 5, 对萼; 种子小, 表面具瘤状突起; 花瓣 5, 深 2 裂等特征, 易与上述诸属区别 (表 1)。

表 1 假卷耳属与邻近属特征的比较

Table 1 Character comparison of character on the genus *Pseudocerastium* with the neighbouring genera

Genus	<i>Stellaria</i> L.	<i>Cerastium</i> L.	<i>Myosoton</i> Moench.	<i>Pseudocerastium</i> , C. Y. Wu, X. H. Guo et X. P. Zhang
sepal	5(4), with scarious margins, persistent	5(4), with scarious margins	5, free	5, free, with scarious margins
petal	(0-)4~5, white usually very deeply bifid rarely 5-10- cleft	5(4), rarely none, white, emarginate or bifid, rarely entire	5, white, deeply bifid	5, white, deeply bifid
stamen	(3-)5~10(11)	(8)10 or 5 or fewer	10	10, filamenta infra complanata villosa
style	(2)3(4~5), episepalous ovary 1- celled	(3)-5(~6) episepalous ovary 1- celled	5 alternisepalous ovary 1- celled	5 episepalous ovary 1- celled
capsule	opening by 6 rarely 4, 8, or 10 valves	membranous, opening by twice as many teeth as styles present	opening by 5 shortly bifid blunt teeth	opening by twice as many teeth as styles present
seed	numerous, rarely few or one roundish- reniform	embryo almost annular	small, reniform, tuberculate	small, tuberculate

* 表中繁缕属, 卷耳属和鹅肠菜属等 3 属的资料引自 Bittrich V, 1993

The data of three genera: *Stellaria*, *Cerastium* and *Myosoton* are quoted from Bittrich V, 1993

草本, 具匍匐茎, 分枝单生, 直立或倾立。叶对生, 无托叶。二歧聚伞花序顶生, 多回分枝。萼片 5, 离生, 边缘膜质; 花瓣 5, 白色, 深 2 裂; 雄蕊 10, 花丝下部宽扁, 有长柔毛; 子房 1 室, 花柱 5, 对萼。蒴果短, 藏于宿萼内, 10 齿裂, 残花柱连同基盘整体成帽状脱落。种子小, 表面有瘤状突起。

模式种: 假卷耳

假卷耳 新种 图 1

Pseudocerastium stellarioides X. H. Guo et X. P. Zhang, sp. nov.

Herba perennis; radix brevis crassa, radulis confertim longis fibrosis; caulis repens rhizomorphus; rami erecti vel ascendentes, simplices, 5~25 cm alti, dense villosi interdum mixtim glandulosi, supra medium internodiis 2~6(8) cm longis, ad basi brevioribus. Folia opposita estipulata, infra caulis parviora ovata vel obovati- spatulata, petiolis anguste alatis, ad caulis basin parvissima non ultra 0.5 cm longa, caduca sub anthesi, sursum gradatim magna petiolis gradatim brevibus; supra- caulis sessilia,

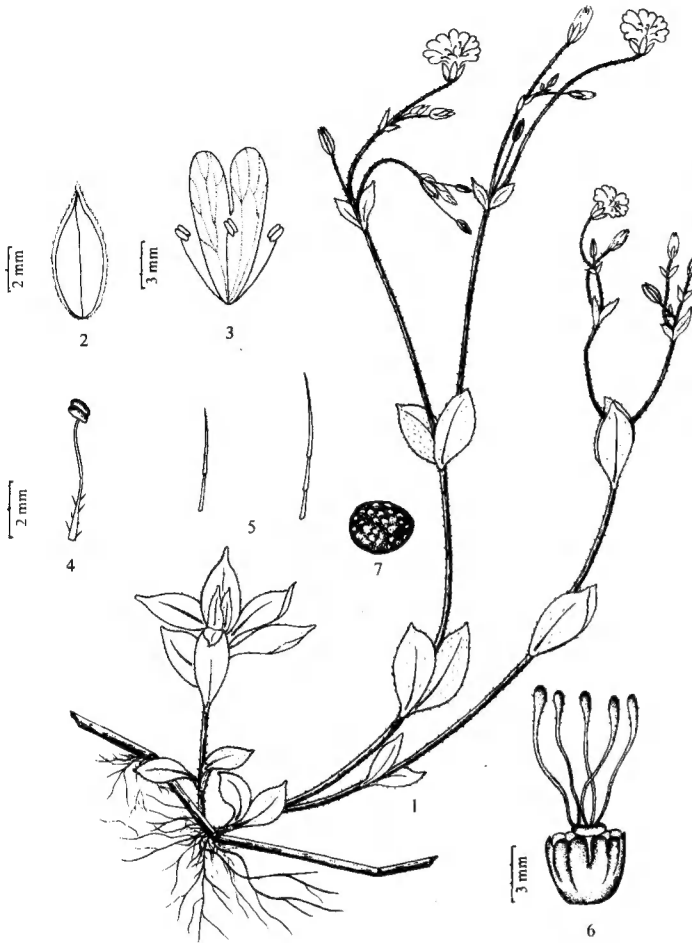


图1 假卷耳 1. 植物体; 2. 萼片; 3. 花瓣与雄蕊; 4. 雄蕊放大; 5. 花丝基部柔毛(高度放大); 6. 开裂的蒴果与脱落的花柱; 7. 种子(高度放大)。

Fig 1 *Pseudocerastium stellarioides* 1. plant; 2. sepal; 3. petal and stamens; 4. enlarged stamen; 5. villose on the filament base (highly enlarged); 6. open capsule and deciduous styles; 7. seed (highly enlarged)

la in sepalis inclusa, brevi - cylindrica 4 ~ 5 mm elata, apice 10 - dentata, styli cum basali disco omnino pileati decidui. Semina brunnea tuberculata. Anhui (安徽): Jinhua Shan (九华山) alt 800 ~ 1 000 m, 29, Julio, 1995 Guo Xin Hu 951054 (Holotypus! ANUB; Isotypus KUN).

多年生草本; 主根粗短, 有长而密集纤维状须根; 匍匐茎根茎状, 粗长蔓生; 分枝直立或倾立, 单生, 高 5 ~ 25 cm, 与茎同密被长柔毛, 有时混生有腺毛, 中上部节间长 2 ~ 6 (8) cm, 下部节间较短。叶对生, 无托叶; 茎下部叶较小, 卵形或倒卵状匙形, 有柄, 柄具狭翼, 在茎基部的 1 ~ 2 对最小, 长不超过 0.5 cm, 花时多枯萎, 向上渐大, 柄渐短; 上部叶无柄, 卵形或椭圆形, 长 1.5 ~ 3 cm, 宽 1 ~ 2 cm, 基部圆形或宽楔形, 先端渐尖头, 两面和边缘被长柔毛。多回二歧聚伞花序顶生, 总花梗细长或较短, 开展或略密集; 苞片

ovata vel ovalia, 1.5 ~ 3 cm longa, 1 ~ 2 cm lata, basi rotundata vel late cuneata, apice acuminata, utrinque et margine villosa. Decompositum dichasium terminale; pedunculi longi vel breves, patentes vel nonnihil conferti; bracteae foliaceae sessiles minores villosae interdum mixtim glandulosae; pedicelli tenues longi dense villosi et glandulosi; sepala 5, distincta, imbricata, herbacea, margine membranacea, ovati - oblonga, 5 ~ 7 mm longa, 2 ~ 3 mm lata, apice acuminata, extus at magine pro exsertis partibus dense villosa et glandulosa; petala 5, alba, obovati - oblonga, 10 ~ 12 mm longa, 3.5 ~ 5 mm lata, basi gradatim angustata, eciliata, apice bipartita, lobis 3 ~ 4 mm longis 1.5 ~ 2 mm latis; stamina 10, hypogyna, filamenta 4 ~ 5 mm longa, infra complanata villosa, antherae longi - oblongae c. 1.5 mm longae, dorsifixae; ovarium sphaericum 1 - loculare c. 1 mm elata, styli 5 antisepali cum ovario 3 ~ 4 mm elati, apice stigmatibus expansis, glabri. Capsu-

叶状, 无柄而形小, 愈向上愈小, 被长柔毛, 有时混生有腺毛; 花梗细长, 密被长柔毛和腺毛; 萼片 5, 离生, 覆瓦状排列, 草质, 边缘膜质, 卵状矩圆形, 长 5~7 mm, 宽 2~3 mm, 先端渐尖, 背面和边缘外露部分密被长柔毛和腺毛; 花瓣 5, 白色, 倒卵状长圆形, 长 10~12 mm, 宽 3.5~5 mm, 基部渐狭, 无缘毛, 先端深 2 裂, 裂片长 3~4 mm, 宽 1.5~2 mm; 雄蕊 10, 下位生, 花丝长 4~5 mm, 下部宽扁, 有细长柔毛, 花药长圆形, 长约 1.5 mm, 背着; 子房球形, 一室, 高约 1 mm, 花柱 5, 对萼, 连子房长约 3~4 mm, 先端有扩宽而外展的柱头面, 无毛。蒴果藏于宿萼内, 短圆筒形, 高 4~5 mm, 先端 10 齿裂, 开裂时残花柱连基盘整体帽状脱落。种子褐色, 表面有瘤状突起。

安徽: 九华山, 疏林下, 1995 年 7 月 29 日, 海拔 1 000 m, 郭新弧 951054 (模式标本! 存安徽师范大学生物系植物标本室; 等模式存昆明植物所)。

异型花繁缕

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Anhui (安徽): Qimen (祁门), alt, 300~400 m, Juxa nemus, 02, Majo, 1988 Guo Xin Hu 88024; ibidem 12, Junio, 1996 Zhang Xiao ping, Guo Xin Hu *et al.* 960616. Jiangxi (江西): San-qingshan (三清山), alt. 500 m, Juxa nemus, 01, Junio, 1988 Guo Xin Hu 88068.

本种原仅知分布于日本。近年来在我国安徽、江西等地首次发现, 为中国地理分布新记录。

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